

**Amendments to the Claims**

Please cancel claims 1-16.

Please add the following new claims:

17. (New) A carbinol-functional silicone resin comprising the units:

$(R^1_3SiO_{1/2})_a$  (i)

$(R^2_2SiO_{2/2})_b$  (ii)

$(R^3SiO_{3/2})_c$  (iii) and

$(SiO_{4/2})_d$  (iv)

wherein  $R^1$  and  $R^2$  are each independently a hydrogen atom, an alkyl group having from 1 to 8 carbon atoms, an aryl group, a carbinol group free of aryl groups having at least 3 carbon atoms, or an aryl-containing carbinol group having at least 6 carbon atoms,  $R^3$  is an alkyl group having from 1 to 8 carbon atoms or an aryl group, a has a value of less than or equal to 0.6, b has a value of zero or greater than zero, c has a value of greater than zero, d has a value of less than 0.5, and the value of  $a + b + c + d = 1$ , with the proviso that when each  $R^2$  is methyl the value of b is less than 0.3 and with the proviso there is on average at least one carbinol group per resin molecule and greater than 10 wt% of the  $R^1+R^2+R^3$  groups in the carbinol-functional silicone resin are phenyl.

18. (New) A carbinol-functional silicone resin of claim 17 wherein  
the alkyl group is methyl;  
the aryl group is phenyl;  
the carbinol group free of aryl groups having at least 3 carbon atoms is selected from a group  
having the formula  $R^4OH$  wherein  $R^4$  is selected from  
(1) a group having the formula  $-(CH_2)_x-$  where x has a value of 3 to 10,

(2) -CH<sub>2</sub>CH(CH<sub>3</sub>)-,

(3) -CH<sub>2</sub>CH(CH<sub>3</sub>)CH<sub>2</sub>-,

(4) -CH<sub>2</sub>CH<sub>2</sub>CH(CH<sub>2</sub>CH<sub>3</sub>)CH<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>-, and

(5) a group having the formula -OCH(CH<sub>3</sub>)(CH<sub>2</sub>)<sub>x</sub>- wherein x has a value of 1 to 10

and a group having the formula R<sup>6</sup>(OH) wherein R<sup>6</sup> is a group having the formula -

CH<sub>2</sub>CH<sub>2</sub>(CH<sub>2</sub>)<sub>x</sub>OCH<sub>2</sub>CH- wherein x in each case has a value of 1 to 10;

the aryl-containing carbinol group having at least 6 carbon atoms is a group having the formula R<sup>5</sup>OH wherein R<sup>5</sup> is selected from

(1) a group having the formula -(CH<sub>2</sub>)<sub>x</sub>C<sub>6</sub>H<sub>4</sub>- wherein x has a value of 0 to 10,

(2) a group having the formula -CH<sub>2</sub>CH(CH<sub>3</sub>)(CH<sub>2</sub>)<sub>x</sub>C<sub>6</sub>H<sub>4</sub>- wherein x has a value of 0 to 10, and

(3) a group having the formula -(CH<sub>2</sub>)<sub>x</sub>C<sub>6</sub>H<sub>4</sub>(CH<sub>2</sub>)<sub>x</sub>- wherein x has a value of 1 to 10.

19. (New) The carbinol-functional silicone resin of Claim 17 where a has a typical value of 0.1 to 0.6, b has a typical value of 0 to 0.4, c has a typical value of 0.3 to 0.8, and d has a typical value of 0 to 0.3.

20. (New) The carbinol-functional silicone resin according to Claim 17 wherein the carbinol-functional silicone resin is selected from carbinol-functional silicone resins comprising the units:

((CH<sub>3</sub>)<sub>3</sub>SiO<sub>1/2</sub>)<sub>a</sub>

((R<sup>2</sup>)CH<sub>3</sub>SiO<sub>2/2</sub>)<sub>b</sub> where R<sup>2</sup> = -(CH<sub>2</sub>)<sub>3</sub>C<sub>6</sub>H<sub>4</sub>OH

((C<sub>6</sub>H<sub>5</sub>)CH<sub>3</sub>SiO<sub>2/2</sub>)<sub>b</sub> and

(C<sub>6</sub>H<sub>5</sub>SiO<sub>3/2</sub>)<sub>c</sub>,

carbinol-functional silicone resins comprising the units:

((R<sup>1</sup>)(CH<sub>3</sub>)<sub>2</sub>SiO<sub>1/2</sub>)<sub>a</sub> where R<sup>1</sup> = -(CH<sub>2</sub>)<sub>3</sub>C<sub>6</sub>H<sub>4</sub>OH and

(C<sub>6</sub>H<sub>5</sub>SiO<sub>3/2</sub>)<sub>c</sub>,

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carbinol-functional silicone resins comprising the units:

$((R^1)(CH_3)_2SiO_{1/2})_a$  where  $R^1 = -(CH_2)_3C_6H_4OH$  and

$(CH_3SiO_{3/2})_c$ ,

carbinol-functional silicone resins comprising the units:

$((R^1)(CH_3)_2SiO_{1/2})_a$  where  $R^1 = -(CH_2)_3OH$  and

$(C_6H_5SiO_{3/2})_c$ ,

carbinol-functional silicone resins comprising the units:

$((R^1)(CH_3)_2SiO_{1/2})_a$  where  $R^1 = -(CH_2)_3OH$

$(CH_3SiO_{3/2})_c$  and

$(C_6H_5SiO_{3/2})_c$ ,

carbinol-functional silicone resins comprising the units:

$((CH_3)_3SiO_{1/2})_a$

$((R^2)CH_3SiO_{2/2})_b$  where  $R^2 = -(CH_2)_3OH$

$((C_6H_5)CH_3SiO_{2/2})_b$  and

$(C_6H_5SiO_{3/2})_c$ ,

carbinol-functional silicone resins comprising the units:

$((CH_3)_3SiO_{1/2})_a$

$((R^1)(CH_3)_2SiO_{1/2})_a$  where  $R^1 = -(CH_2)_3OH$  and

$(C_6H_5SiO_{3/2})_c$ ,

carbinol-functional silicone resins comprising the units:

$((R^1)(CH_3)_2SiO_{1/2})_a$  where  $R^1 = -CH_2CH(CH_3)CH_2OH$

$((H)(CH_3)_2SiO_{1/2})_a$  and

$(C_6H_5SiO_{3/2})_c$ ,

wherein a has a typical value of 0.1 to 0.6, b has a typical value of zero to 0.4, and c has a typical value of 0.3 to 0.8.

21. (New) The carbinol-functional silicone resin according to Claim 17, wherein greater than 25 weight percent of the  $R^1+R^2+R^3$  groups are phenyl.

22. (New) A carbinol-functional silicone resin comprising the units:

$(R^1_3SiO_{1/2})_a$  (i)

$(R^2_2SiO_{2/2})_b$  (ii)

$(R^3SiO_{3/2})_c$  (iii) and

$(SiO_{4/2})_d$  (iv)

wherein  $R^1$  is independently a hydrogen atom, an alkyl group having from 1 to 8 carbon atoms, an aryl group, a carbinol group free of aryl groups having at least 6 carbon atoms, or an aryl-containing carbinol group having at least 6 carbon atoms,  $R^2$  is a hydrogen atom, an alkyl group having from 1 to 8 carbon atoms, an aryl group, a carbinol group free of aryl groups having at least 3 carbon atoms, or an aryl-containing carbinol group having at least 6 carbon atoms,  $R^3$  is an alkyl group having from 1 to 8 carbon atoms or an aryl group,  $a$  has a value of less than or equal to 0.6,  $b$  has a value of zero or greater than zero,  $c$  has a value of greater than zero,  $d$  has a value of less than 0.5, and the value of  $a + b + c + d = 1$ , and with the proviso that when each  $R^2$  is methyl the value of  $b$  is less than 0.3 and with the proviso that greater than 25 wt% of the  $R^1+R^2+R^3$  groups in the carbinol-functional silicone resin are phenyl.

23. (New) The carbinol-functional silicone resin according to Claim 22 wherein the carbinol-functional silicone resin is selected from carbinol-functional silicone resins comprising the units:

$((CH_3)_3SiO_{1/2})_a$

$((R^2)CH_3SiO_{2/2})_b$  where  $R^2 = -(CH_2)_3C_6H_4OH$

$((C_6H_5)CH_3SiO_{2/2})_b$  and

$(C_6H_5SiO_{3/2})_c$ .

carbinol-functional silicone resins comprising the units:

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$((R^1)(CH_3)_2SiO_{1/2})_a$  where  $R^1 = -(CH_2)_3C_6H_4OH$  and  
 $(C_6H_5SiO_{3/2})_c$ .

carbinol-functional silicone resins comprising the units:

$((R^1)(CH_3)_2SiO_{1/2})_a$  where  $R^1 = -(CH_2)_3C_6H_4OH$  and  
 $(CH_3SiO_{3/2})_c$ ,

carbinol-functional silicone resins comprising the units:

$((R^1)(CH_3)_2SiO_{1/2})_a$  where  $R^1 = -(CH_2)_3OH$  and  
 $(C_6H_5SiO_{3/2})_c$ .

carbinol-functional silicone resins comprising the units:

$((R^1)(CH_3)_2SiO_{1/2})_a$  where  $R^1 = -(CH_2)_3OH$   
 $(CH_3SiO_{3/2})_c$  and  
 $(C_6H_5SiO_{3/2})_c$ ,

carbinol-functional silicone resins comprising the units:

$((CH_3)_3SiO_{1/2})_a$

$((R^2)CH_3SiO_{2/2})_b$  where  $R^2 = -(CH_2)_3OH$

$((C_6H_5)CH_3SiO_{2/2})_b$  and

$(C_6H_5SiO_{3/2})_c$ ,

carbinol-functional silicone resins comprising the units:

$((CH_3)_3SiO_{1/2})_a$

$((R^1)(CH_3)_2SiO_{1/2})_a$  where  $R^1 = -(CH_2)_3OH$  and

$(C_6H_5SiO_{3/2})_c$ ,

carbinol-functional silicone resins comprising the units:

$((R^1)(CH_3)_2SiO_{1/2})_a$  where  $R^1 = -CH_2CH(CH_3)CH_2OH$

$((H)(CH_3)_2SiO_{1/2})_a$  and

$(C_6H_5SiO_{3/2})_c$ ,

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wherein a has a typical value of 0.1 to 0.6, b has a typical value of zero to 0.4, and c has a typical value of 0.3 to 0.8.

24. (New) A method of preparing carbinol-functional silicone resins comprising reacting: (A') at least one hydrogen-functional silicone resin comprising the units:

$(R^7_3SiO_{1/2})_a$  (i)

$(R^8_2SiO_{2/2})_b$  (ii)

$(R^3SiO_{3/2})_c$  (iii) and

$(SiO_{4/2})_d$  (iv)

wherein  $R^7$  and  $R^8$  are each independently an alkyl group having from 1 to 8 carbon atoms, an aryl group, or a hydrogen atom,  $R^3$  is an alkyl group having from 1 to 8 carbon atoms or an aryl group, a has a value of less than or equal to 0.6, b has a value of zero or greater than zero, c has a value of greater than zero, d has a value of less than 0.5, the value of  $a + b + c + d = 1$ , with the proviso that when each  $R^8$  is methyl the value of b is less than 0.3, with the proviso that there are at least two silicon-bonded hydrogen atoms present in the silicone resin and with the proviso that greater than 10 wt% of the  $R^7+R^8+R^3$  groups are phenyl; and (B') at least one vinyl-terminated alcohol; in the presence of (C') a hydrosilylation catalyst; and optionally (D') at least one solvent.

25. (New) The method of preparing carbinol-functional silicone resins according to Claim 24 where a has a typical value of 0.1 to 0.6, b has a typical value of 0 to 0.4, c has a typical value of 0.3 to 0.8, and d has a typical value of 0 to 0.3.

26. (New) The method of preparing carbinol-functional silicone resins according to Claim 24 where the hydrogen-functional silicone resins of (A) are selected from hydrogen-functional silicone resins comprising the units:

$((CH_3)_3SiO_{1/2})_a$

$((H)CH_3SiO_{2/2})_b$

$((C_6H_5)CH_3SiO_{2/2})_b$  and

$(C_6H_5SiO_{3/2})_c$ ,

hydrogen-functional silicone resins comprising the units:

$((H)(CH_3)_2SiO_{1/2})_a$

$(C_6H_5SiO_{3/2})_c$ ,

hydrogen-functional silicone resins comprising the units:

$((H)(CH_3)_2SiO_{1/2})_a$

$(CH_3SiO_{3/2})_c$ ,

hydrogen-functional silicone resins comprising the units:

$((H)(CH_3)_2SiO_{1/2})_a$

$(CH_3SiO_{3/2})_c$  and

$(C_6H_5SiO_{3/2})_c$ ,

and

hydrogen-functional silicone resins comprising the units:

$((CH_3)_3SiO_{1/2})_a$

$((H)(CH_3)_2SiO_{1/2})_a$

$(C_6H_5SiO_{3/2})_c$

wherein a has a typical value of 0.1 to 0.6, b has a typical value of 0 to 0.4, and c has a typical value of 0.3 to 0.8.

27. (New) A method of preparing carbinol-functional silicone resins comprising reacting:  
(A') at least one hydrogen-functional silicone resin comprising the units:

$(R^7_3SiO_{1/2})_a$  (i)

$(R^8_2SiO_{2/2})_b$  (ii)

$(R^3SiO_{3/2})_c$  (iii) and

$(SiO_{4/2})_d$  (iv)

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wherein R<sup>7</sup> and R<sup>8</sup> are each independently an alkyl group having from 1 to 8 carbon atoms, an aryl group, or a hydrogen atom, R<sup>3</sup> is an alkyl group having from 1 to 8 carbon atoms or an aryl group, a has a value of less than or equal to 0.6, b has a value of zero or greater than zero, c has a value of greater than zero, d has a value of less than 0.5, the value of a + b + c + d = 1, with the proviso that when each R<sup>8</sup> is methyl the value of b is less than 0.3, with the proviso that there are at least two silicon-bonded hydrogen atoms present in the silicone resin and with the proviso that greater than 30 wt% of the R<sup>7</sup>+R<sup>8</sup>+R<sup>3</sup> groups are phenyl; and (B') at least one vinyl-terminated alcohol; in the presence of (C') a hydrosilylation catalyst; and optionally (D') at least one solvent.

28. (New) The method of preparing carbinol-functional silicone resins according to Claim 6 where a has a typical value of 0.1 to 0.6, b has a typical value of 0 to 0.4, c has a typical value of 0.3 to 0.8, and d has a typical value of 0 to 0.3.

29. (New) An emulsion composition comprising: (A) a carbinol-functional silicone resin comprising the units:

(R<sup>1</sup><sub>3</sub>SiO<sub>1/2</sub>)<sub>a</sub> (i)

(R<sup>2</sup><sub>2</sub>SiO<sub>2/2</sub>)<sub>b</sub> (ii)

(R<sup>3</sup>SiO<sub>3/2</sub>)<sub>c</sub> (iii) and

(SiO<sub>4/2</sub>)<sub>d</sub> (iv)

wherein R<sup>1</sup> and R<sup>2</sup> are each independently a hydrogen atom, an alkyl group having from 1 to 8 carbon atoms, an aryl group, a carbinol group free of aryl groups having at least 3 carbon atoms, or an aryl-containing carbinol group having at least 6 carbon atoms, R<sup>3</sup> is an alkyl group having from 1 to 8 carbon atoms or an aryl group, a has a value of less than or equal to 0.6, b has a value of zero or greater than zero, c has a value of greater than zero, d has a value of less than 0.5, and the value of a + b + c + d = 1, and with the proviso that when each R<sup>2</sup> is methyl the value of b is less than 0.3, and with the proviso there is on average at least one carbinol group per resin molecule; (B) at least one surfactant; and (C) water.

30. (New) The emulsion composition according to claim 29 wherein  
the alkyl group is methyl;  
the aryl group is phenyl;  
the carbinol group free of aryl groups having at least 3 carbon atoms is selected from a group  
having the formula  $R^4OH$  wherein  $R^4$  is selected from

(1) a group having the formula  $-(CH_2)_x-$  where  $x$  has a value of 3 to 10,

(2)  $-CH_2CH(CH_3)-$ ,

(3)  $-CH_2CH(CH_3)CH_2-$ ,

(4)  $-CH_2CH_2CH(CH_2CH_3)CH_2CH_2CH_2-$ , and

(5) a group having the formula  $-OCH(CH_3)(CH_2)_x-$  wherein  $x$  has a value of 1 to 10

and a group having the formula  $R^6(OH)$  wherein  $R^6$  is a group having the formula  $-CH_2CH_2(CH_2)_xOCH_2CH-$  wherein  $x$  in each case has a value of 1 to 10;

the aryl-containing carbinol group having at least 6 carbon atoms is a group having the formula  $R^5OH$  wherein  $R^5$  is selected from

(1) a group having the formula  $-(CH_2)_xC_6H_4-$  wherein  $x$  has a value of 0 to 10,

(2) a group having the formula  $-CH_2CH(CH_3)(CH_2)_xC_6H_4-$  wherein  $x$  has a value of 0 to 10, and

(3) a group having the formula  $-(CH_2)_xC_6H_4(CH_2)_x-$  wherein  $x$  has a value of 1 to 10.

31. (New) The emulsion composition according to Claim 29 wherein where a has a typical value of 0.1 to 0.6, b has a typical value of 0 to 0.4, c has a typical value of 0.3 to 0.8, and d has a typical value of 0 to 0.3.

32. (New) The emulsion composition according to Claim 29 wherein the carbinol-functional silicone resin is selected from

carbinol-functional silicone resins comprising the units:

$((CH_3)_3SiO_{1/2})_a$

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$((R^2)CH_3SiO_{2/2})_b$  where  $R^2 = -(CH_2)_3C_6H_4OH$

$((C_6H_5)CH_3SiO_{2/2})_b$  and

$(C_6H_5SiO_{3/2})_c$ ,

carbinol-functional silicone resins comprising the units:

$((R^1)(CH_3)_2SiO_{1/2})_a$  where  $R^1 = -(CH_2)_3C_6H_4OH$  and

$(C_6H_5SiO_{3/2})_c$ ,

carbinol-functional silicone resins comprising the units:

$((R^1)(CH_3)_2SiO_{1/2})_a$  where  $R^1 = -(CH_2)_3C_6H_4OH$  and

$(CH_3SiO_{3/2})_c$ ,

carbinol-functional silicone resins comprising the units:

$((R^1)(CH_3)_2SiO_{1/2})_a$  where  $R^1 = -(CH_2)_3OH$  and

$(C_6H_5SiO_{3/2})_c$ ,

carbinol-functional silicone resins comprising the units:

$((R^1)(CH_3)_2SiO_{1/2})_a$  where  $R^1 = -(CH_2)_3OH$

$(CH_3SiO_{3/2})_c$  and

$(C_6H_5SiO_{3/2})_c$ ,

carbinol-functional silicone resins comprising the units:

$((CH_3)_3SiO_{1/2})_a$

$((R^2)CH_3SiO_{2/2})_b$  where  $R^2 = -(CH_2)_3OH$

$((C_6H_5)CH_3SiO_{2/2})_b$  and

$(C_6H_5SiO_{3/2})_c$ ,

carbinol-functional silicone resins comprising the units:

$((CH_3)_3SiO_{1/2})_a$

$((R^1)(CH_3)_2SiO_{1/2})_a$  where  $R^1 = -(CH_2)_3OH$  and

$(C_6H_5SiO_{3/2})_c$ ,

carbinol-functional silicone resins comprising the units:

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$((R^1)(CH_3)_2SiO_{1/2})_a$  where  $R^1 = -CH_2CH(CH_3)CH_2OH$

$((H)(CH_3)_2SiO_{1/2})_a$  and

$(C_6H_5SiO_{3/2})_c$ ,

carbinol-functional silicone resins comprising the units:

$((R^1)(CH_3)_2SiO_{1/2})_a$  where  $R^1 = -(CH_2)_3OH$

$(CH_3SiO_{3/2})_c$

wherein a has a typical value of 0.1 to 0.6, b has a typical value of zero to 0.4, and c has a typical value of 0.3 to 0.8.

33. (New) The emulsion composition according to Claim 29, wherein greater than 10 weight percent of the  $R^1+R^2+R^3$  groups are phenyl.

34. (New) The emulsion composition according to Claim 29 wherein the emulsion composition further comprises at least one ingredient selected from fragrances, preservatives, vitamins, ceramides, amino-acid derivatives, liposomes, polyols, botanicals, conditioning agents, glycols, vitamin A, vitamin C, vitamin E, Pro-Vitamin B5, sunscreen agents, humectants, preservatives, emollients, occlusive agents, esters, pigments, and self-tanning agents.

35 (New) The emulsion composition according to Claim 33 wherein the emulsion composition further comprises at least one ingredient selected from fragrances, preservatives, vitamins, ceramides, amino-acid derivatives, liposomes, polyols, botanicals, conditioning agents, glycols, vitamin A, vitamin C, vitamin E, Pro-Vitamin B5, sunscreen agents, humectants, preservatives, emollients, occlusive agents, esters, pigments, and self-tanning agents.